USDA United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: February 6, 2008

Mr. Wayne Budrus
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Budrus:

Summaries of the 1983-2007 gypsy moth trapping program conducted at six U.S. Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations (Figures 1a-1d). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

The 2007 trap catch averages at Alum Creek, Mohawk Dam and North Branch Kokosing River have remained fairly consistent with trap averages from last year and total trap catches were 114, 50 and 10 male moths, respectively. Deer Creek Lake continues to have very low male moth catches. Delaware Lake counts have been increasing gradually over the past 4 years. Dillon Lake trap counts this past season increased from 83 in 2006 to 106 male moths in 2007. Based on the results of the trapping program at each Corps site, gypsy moth populations will not have an impact on the forest resources at these sites in the immediate future.

Figures 2a-2d show the 2007 gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The inserts on each figure show close-ups of the STS results in relation to the Corps site properties. For more information regarding the STS program, visit http://www.gmsts.org.

It is important for Corps to look for other gypsy moth life stages while performing their normal duties. Visit our GM Digest web site located at http://www.na.fs.fed.us/fhp/gm/index.shtm for publications that are helpful in identifying the different gypsy moth life stages.

We would like to continue the trapping program at the same intensity at all six Corps sites in 2008. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

Bob Lueckel

ROBERT G. LUECKEL
Field Representative
Morgantown Field Office

Enclosures

cc: Joe Williams, Park Ranger, Alum Creek
Susan Maynaird, Deer Creek Lake
Ben O'Dell, Delaware Lake
Bob Cifranic, Dillon Lake
Janet Lahm, Mohawk Dam
Dave Adkins, OHDA
Dan Balser, OH DNR

JWH/KDF/blm

Table 1.—Summary of the 1983-2007 gypsy moth trapping results, Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	18	0	9
1986	15	1	--
1987	15	0	--
1988	15	0	--
1989	15	0	--
1990	15	4	2, 3, 11, 15
1991	15	2	7, 10
1992	15	7	1, 2, 4, 6, 7, 11
1993	15	12	All except 1, 2, 7, 9, 12, 13
1994	15	3	3, 12
1995	13	3	1, 5,7
1996	15	1	14
1997	15	14	1-4, 8-13
1998	15	10	2, 3, 8-11, 15
1999	15	36	1, 2, 4, 7, 9-11, 13, 14
2000	15	21	12,6-10, 12, 13
2001	15	78	--
2002	15	--	No Data
2003	15	44	1-13
2004	15	18	All except 1-4, 15
2005	15	56	All except 5, 13, 15
2006	15	112	All except 10
2007	15	114	All

Deer Creek Lake (Fayette and Pickaway Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	13	0	- -
1986	15	0	- -
1987	15	0	- -
1988	15	0	- -
1989	15	1	15
1990	15	0	- -
1991	15	0	- -
1992	15	3	6, 7, 13
1993	15	3	1, 6
1994	15	0	- -
1995	18	0	- -
1996	18	1	10
1997	20	6	1, 2, 10, 16
1998	15	1	13
1999	14	1	1
2000	15	4	12
2001	15	3	- -
2002	15	0	--
2003	15	3	5,9
2004	20	2	11, 13
2005	20	4	6, 8, 15
2006	20	3	12, 14, 20
2007	20	1	13

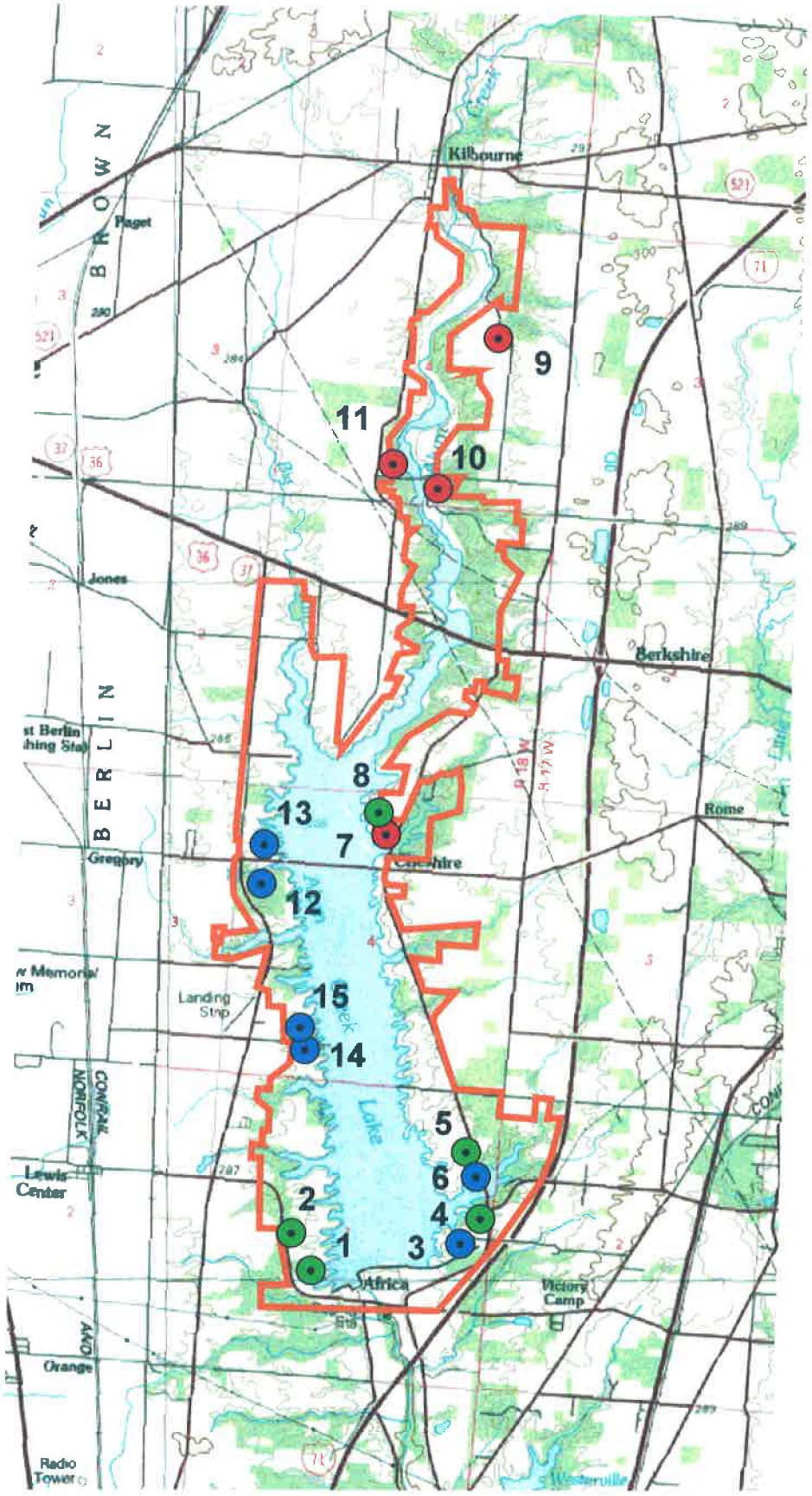
Mohawk Dam (Coshocton County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	--
1984	12	0	--
1985	10	0	--
1986	10	0	--
1987	8	1	3
1988	9	0	--
1989	9	2	5, 7
1990	9	9	1, 2, 4, 5, 9
1991	9	3	4, 6, 8
1992	9	29	All except 4
1993	9	89	All
1994	9	29	1, 2, 5, 6, 7, 8
1995	13	168	All
1996	15	223	All
1997			Traps not deployed
1998	4	66	Campsite 9, 29, 22 and entrance
1999	6	14	All but 2 traps/traps not numbered
2000			No data
2001	10	98	All
2002	9	89	All
2003			No data
2004			No data
2005			No data
2006	10	57	All
2007	11	50	All

North Branch Kokosing River (Know County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	--
1984			Traps not deployed
1985	13	1	8
1986	10	0	--
1987	8	0	--
1988	9	0	--
1989	9	0	--
1990	9	0	--
1991	9	0	--
1992	9	2	4, 5
1993	9	1	3
1994	9	0	--
1995	15	2	10, 13
1996	11	12	1, 2, 4, 5, 11, 13, 15
1997			Traps not deployed
1998	6	7	1, 2, 3
1999	15	193	All
2000			No data
2001	10	59	All
2002	10	55	All except # 7
2003			No data
2004			No data
2005			No data
2006	8	10	1, 3, 6, 10
2007	11	10	1, 3, 4, 11

Figure 1a.--2007 gypsy moth trap locations at Alum Creek Lake.



Legend

Trap locations

- 1 - 5 moths per trap
- 6 - 10 moths per trap
- 11 - 15 moths per trap
- Approximate Project boundary

0 0.5 1 2 Miles

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Figure 1b.--2007 gypsy moth trap locations at Deer Creek Lake.

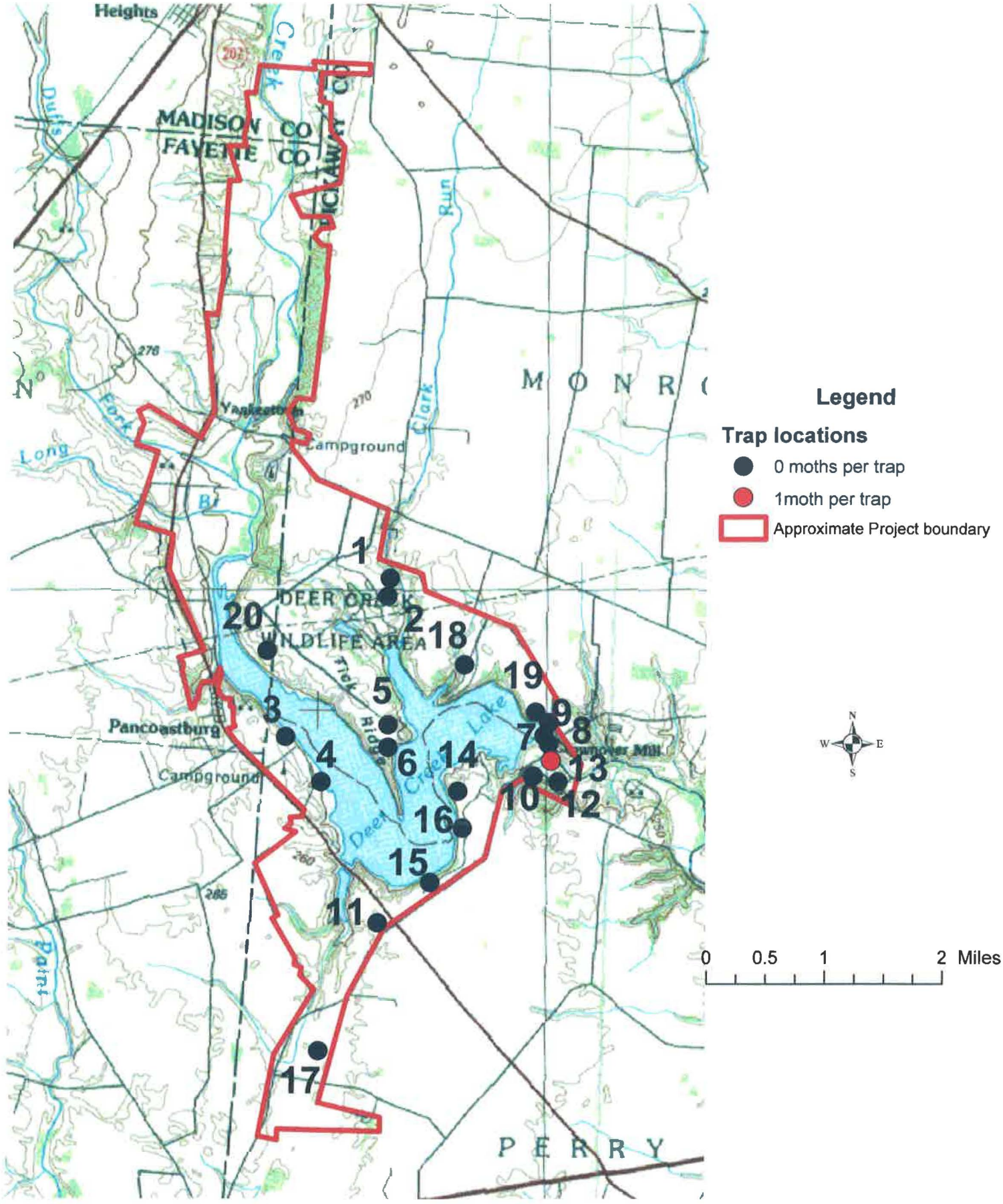

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Figure 1c.--2007 gypsy moth trap locations at Delaware Lake.

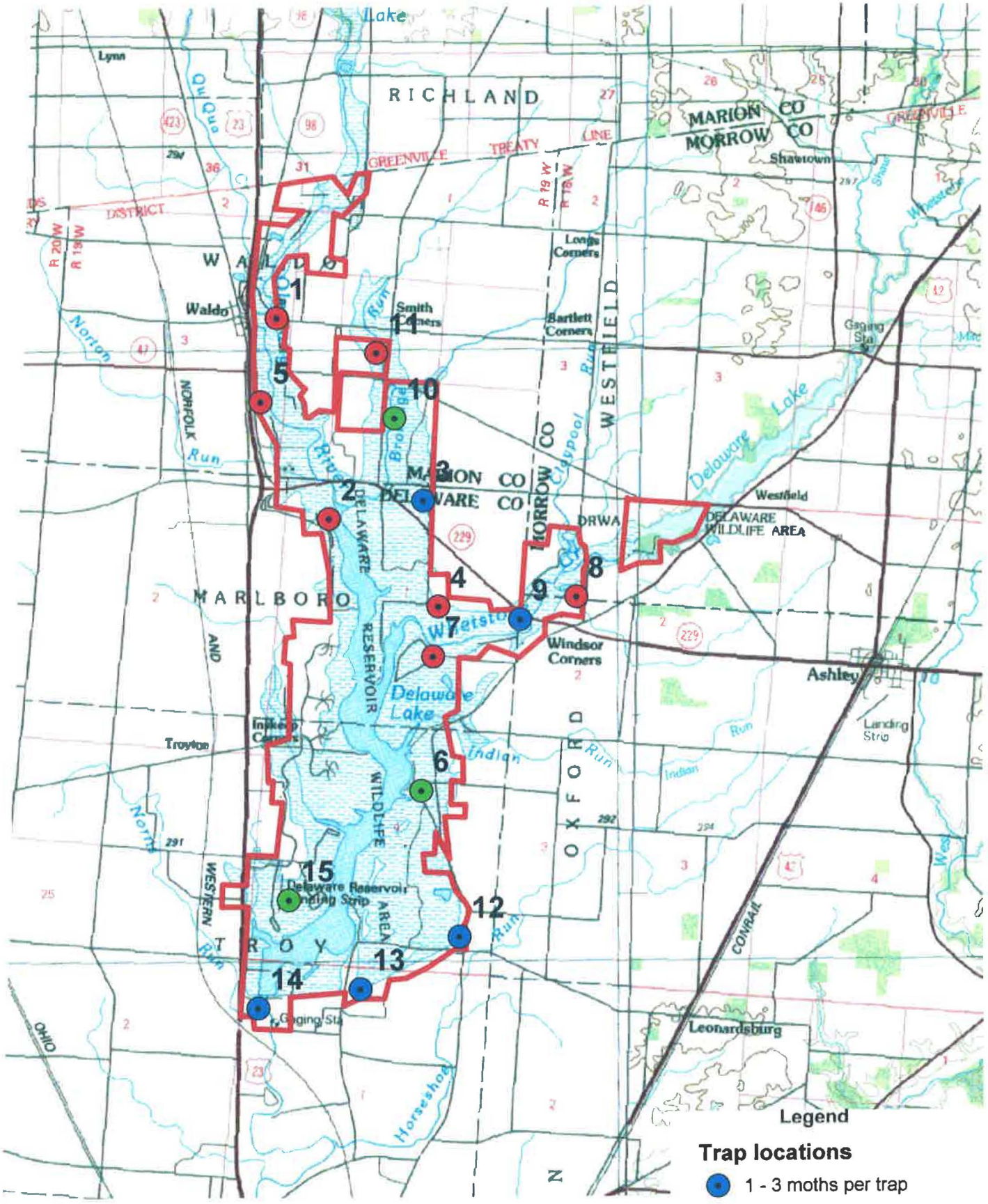

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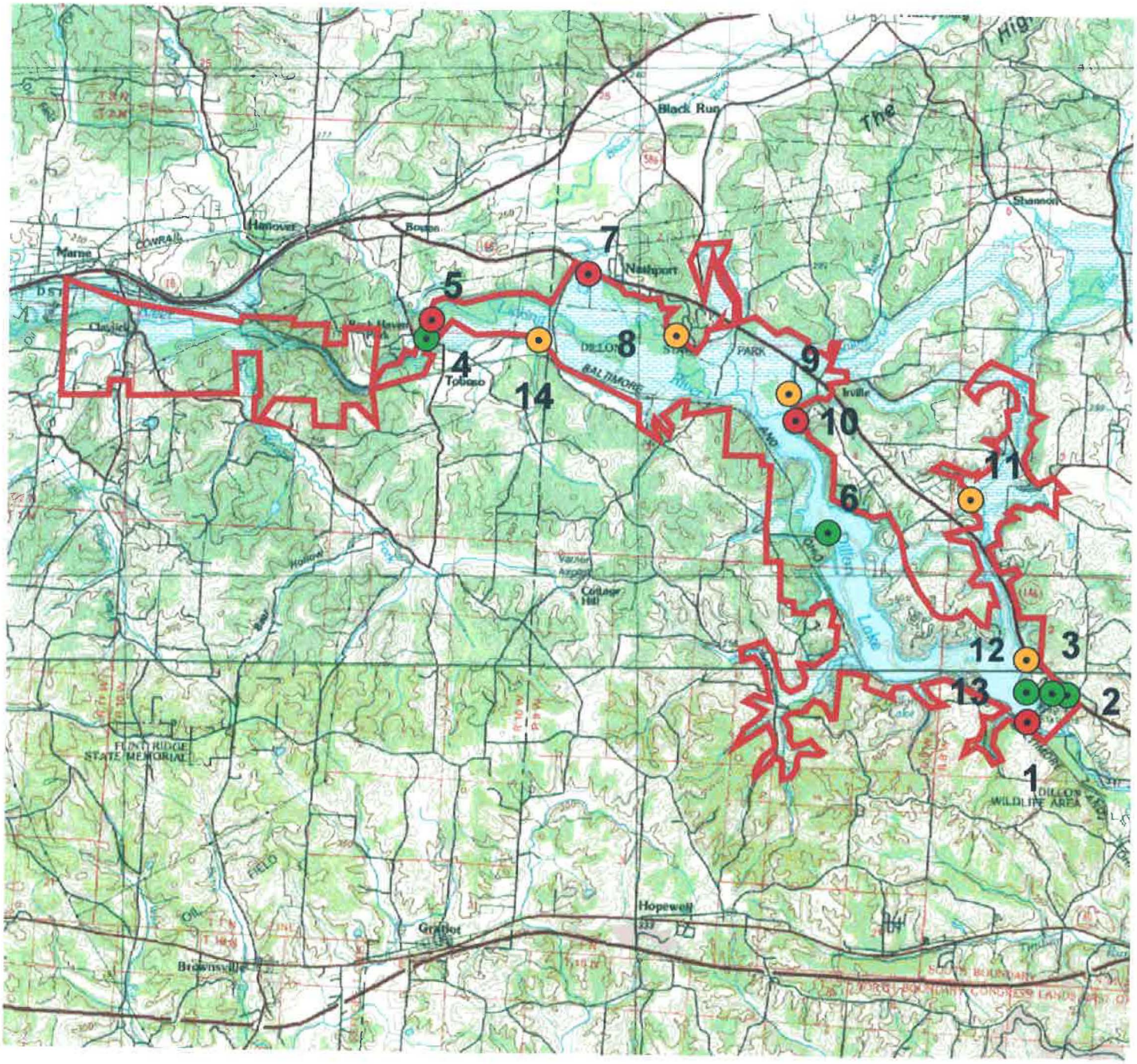
Figure 1d.--2007 gypsy moth trap locations at Dillion Lake.



Legend

Trap locations

- 1 - 5 moths per trap
- 6 - 10 moths per trap
- 11 - 17 moths per trap
- Approximate Corps boundary

0 0.5 1 2 Miles

N W E S

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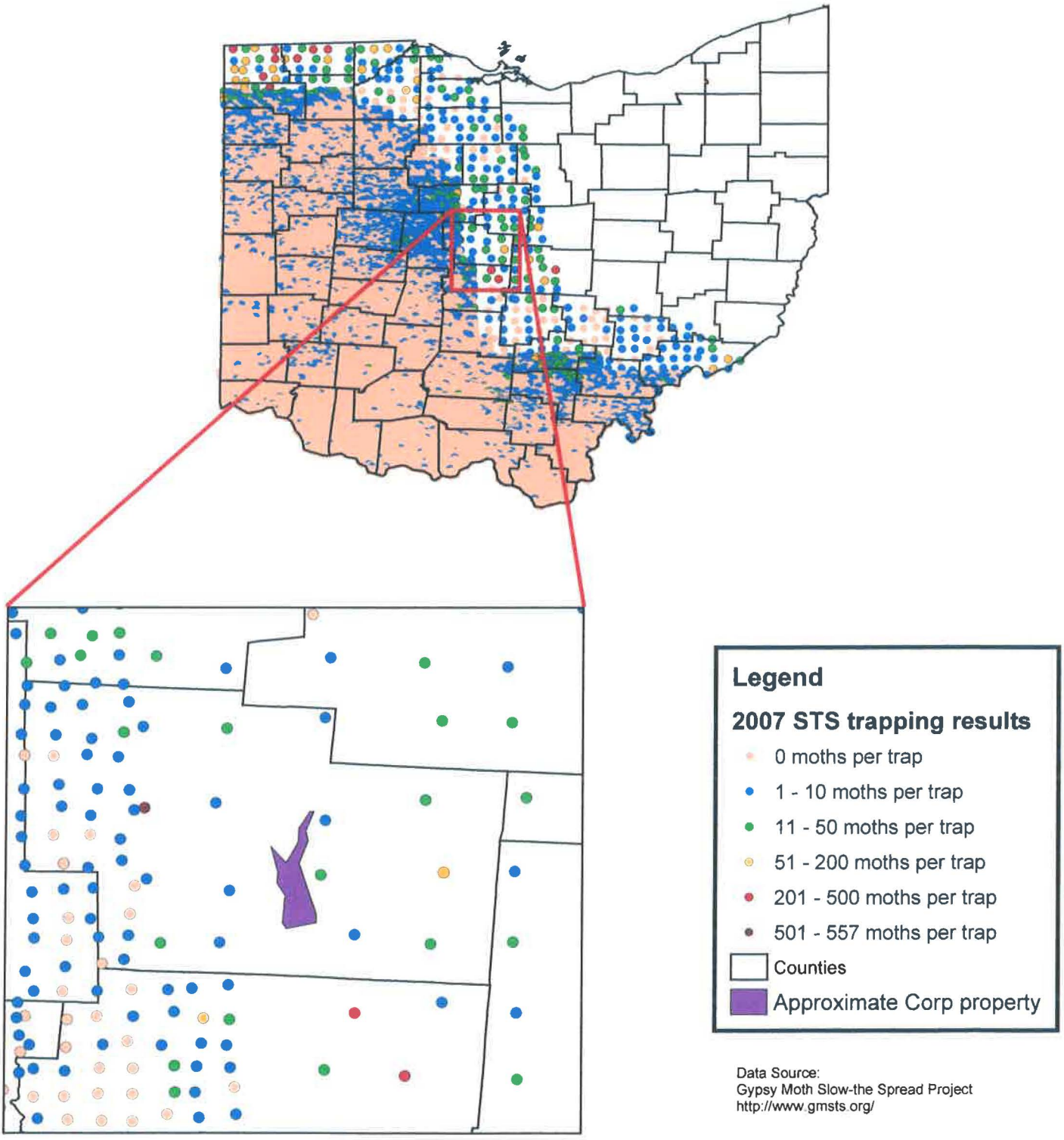
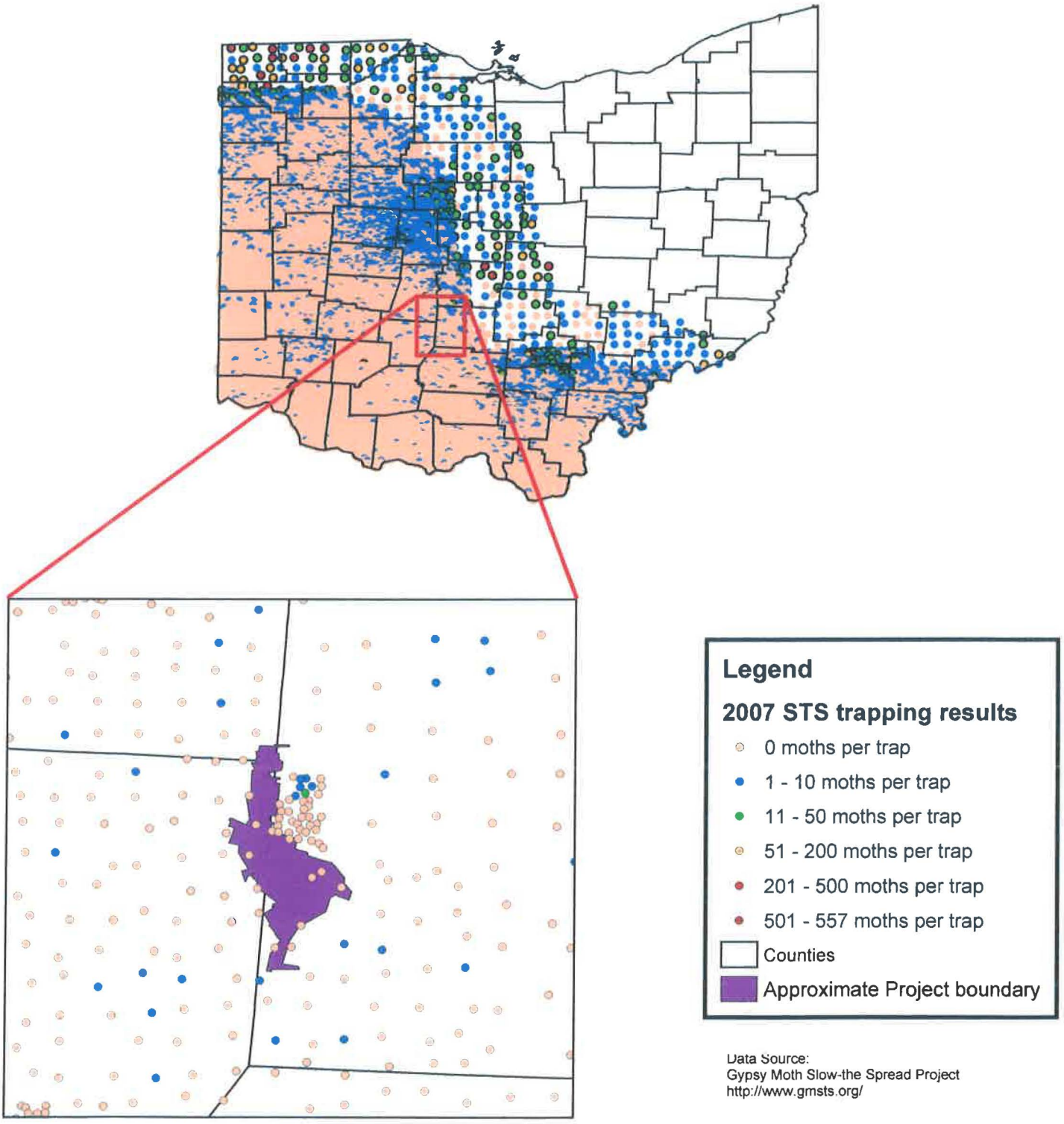
Figure 2a.--2007 Slow-the-Spread trapping results in Ohio and in the proximity of Alum Creek Lake.


Legend
2007 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 557 moths per trap
Counties
Approximate Corp property

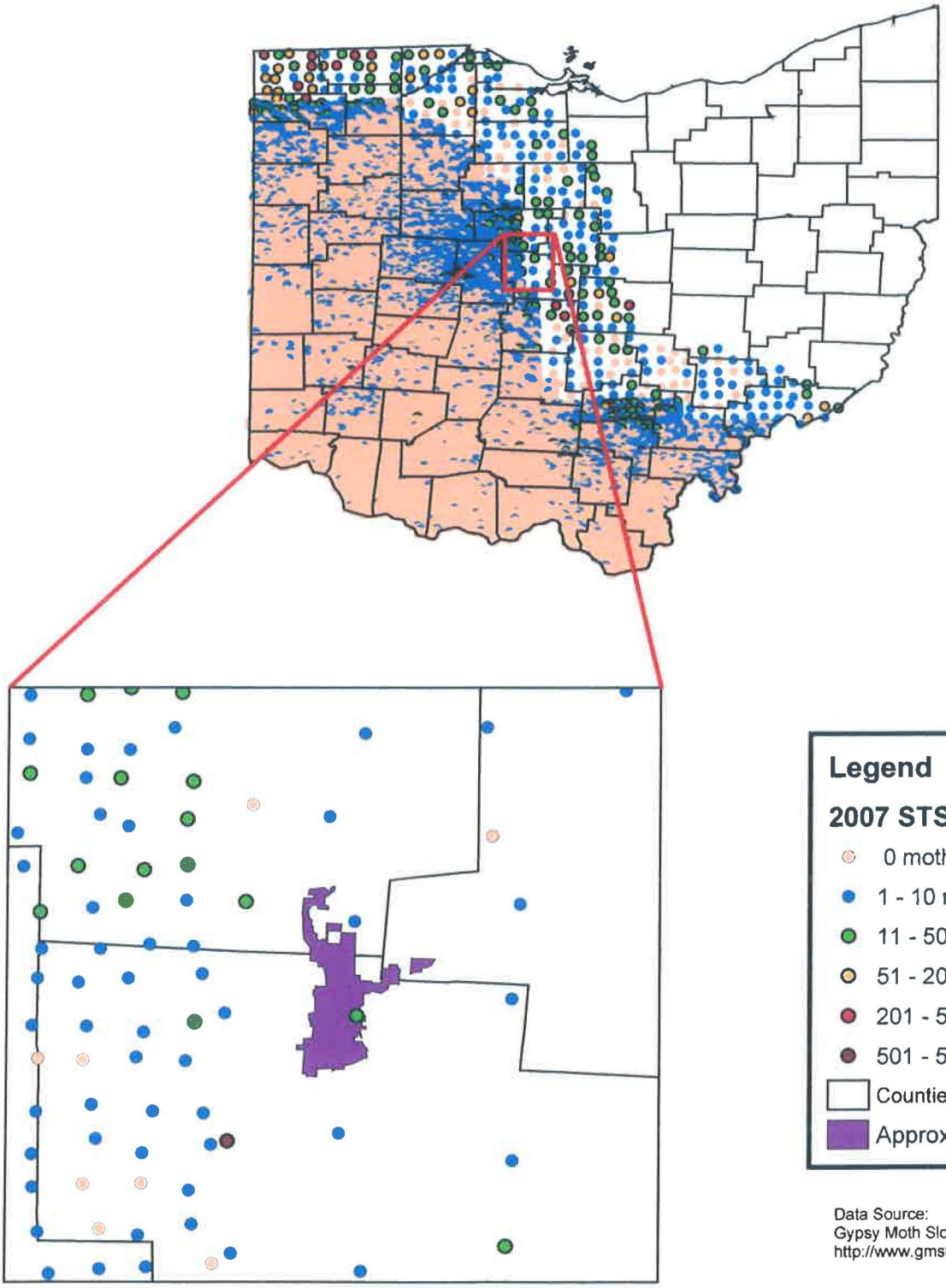
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2b.--2007 Slow-the-Spread trapping results in Ohio and in the proximity of Deer Creek Lake.


Legend
2007 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 557 moths per trap
Counties
Approximate Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2c.--2007 Slow-the-Spread trapping results in Ohio and in the proximity of Delaware Lake.



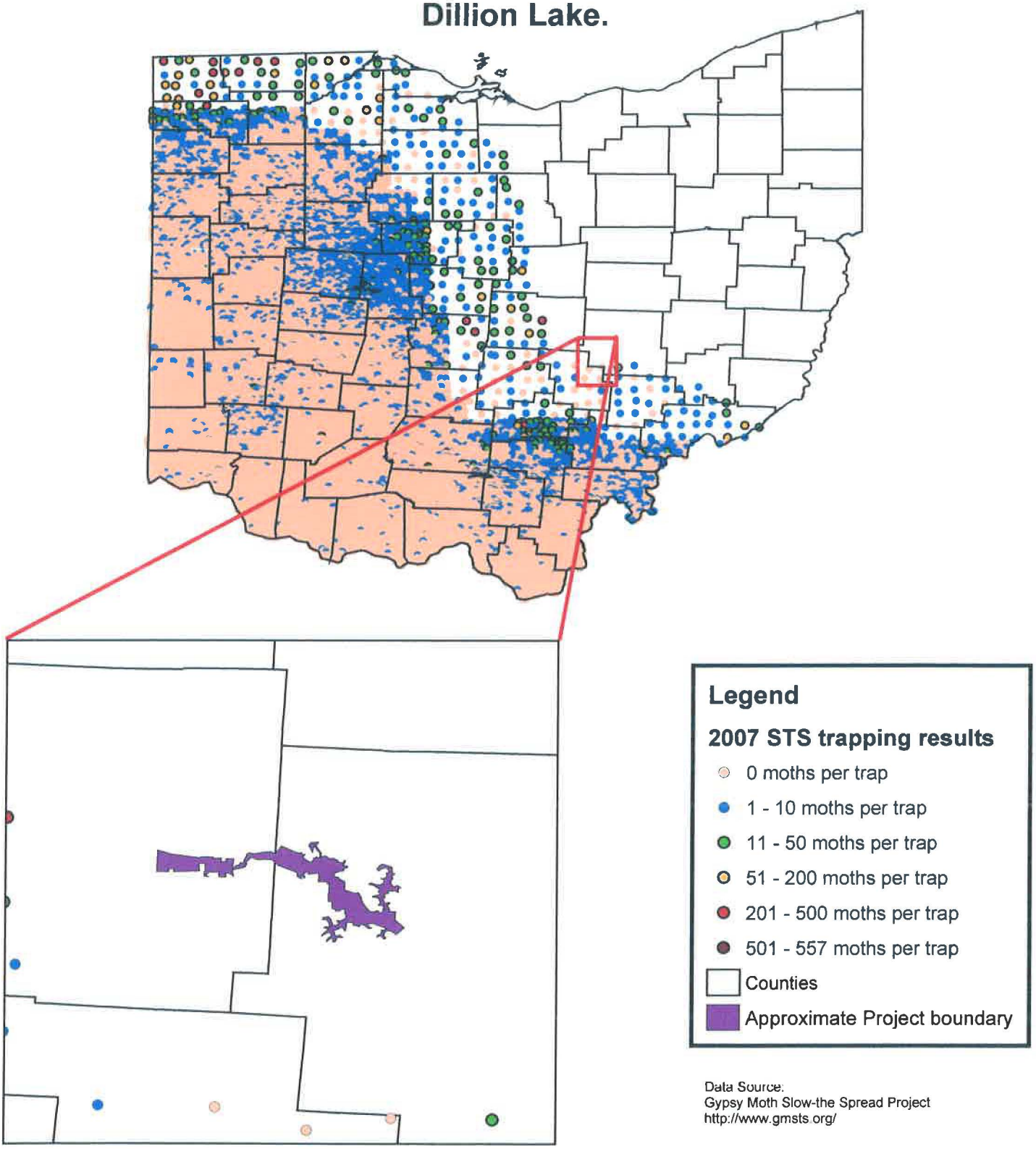
Legend

2007 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 557 moths per trap
- Counties
- Approximate Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2d.--2007 Slow-the-Spread trapping results in Ohio and in the proximity of Dillion Lake.


Legend
2007 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 557 moths per trap
Counties
Approximate Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/